

ADDENDUM NO. TWO

THORNTON WATER TREATMENT PLANT SCADA AUTOMATION UPGRADES

PROJECT NO. 24-413

CITY OF THORNTON, CO

TO: Prospective Bidders and all others concerned

DATE: July 2, 2026

PURPOSE: To provide additional information and clarification to the solicitation documents for the above-referenced Project.

1. The following shall Add to, Modify, and/or Delete portions of the Project Manual and Drawings for the Project-noted above.
 - A. The Project Manual shall be modified as follows: Sealed Bid Proposals for Construction the Thornton Water Treatment Plant SCADA Automation Upgrades, Project No. 24-413 will be received in the Contract Administration Office at the City of Thornton (Thornton) City Hall (2nd floor), 9500 Civic Center Drive, until **2:00 p.m., July 21, 2026**. At that time, the bid will be publicly opened and read aloud.
 - B. The Drawings shall be modified as follows: The current Sheets D209A and I055 will be DELETED in their entirety and REPLACED with Sheets D209A and I055, 'Bid Addendum 2', dated 6/30/26.
2. The following questions and answers are provided for additional clarification to the Contract Documents.

Question 1: Can you provide the cable schedule for the connection of the security panels to the PLCs.

Answer 1: Provide discrete input for each intrusion switch (2-#14, 1-#14 (G)). Provide dedicated wiring for each intrusion switch (from security panel to PLC-CHM2 per intrusion switch (2-#14, 1-#14 (G))).

Cables to be used as applicable:

Class	Type	Qty	Assembly	Size	Ground
CNTRL	CVV1	1	3/C	#14 AWG	
CNTRL	CVV1	1	7/C	#14 AWG	

Question 2: What is the preferred conduit routing from SCP-3 to PLC-CHM2 or is there an existing conduit that can be utilized?

Answer 2: Provide new exposed conduit using existing and new supports along walls and ceilings as applicable.

Question 3: Referencing drawing E266 & E267. What is the preferred conduit routing to get from PLC-CHM2 to each of the intrusion switches or is there existing conduit that can be utilized. Can the conduit be daisy chained together for all 3 intrusion switches, or do they have to be 3 separate conduits?

Answer 3: Provide new exposed conduit using existing and new supports along walls and ceilings as applicable. Conduit can be daisy chained together for all intrusion switches, provide dedicated discrete input per intrusion switch (for three [3] switches, 6-#14, 1-#14 (G)).

Question 4: Can you provide the cable schedule for the connection of SCP-3 to the intrusion switches?

Answer 4: Provide dedicated discrete input for each intrusion switch (2-#14, 1-#14 (G)).

Cable to be used as applicable:

Class	Type	Qty	Assembly	Size	Ground
CNTRL	CVV1	1	3/C	#14 AWG	
CNTRL	CVV1	1	7/C	#14 AWG	

Question 5: We have been unable to locate the valve information. Would you be able to provide a valve schedule with valve size, type, manufacture, etc.

Answer 5: Valve information as follows:

- a) PVC ball valves for sample service are specified in Appendix B, Section 33_12_16 – Utility Valves and Accessories, paragraph 2.13/E (see page 1436 of 1980 of the Specifications).
- b) PVC ball valves for chemical service are specified in Appendix B, Section 46_33_00 – Liquid Chemical Feed Equipment, paragraph 2.05/G (see page 1831 of 1980 of the Specifications). Please note that valves for sodium hypochlorite service shall be factory drilled with a 0.125-inch hole for venting, as specified.

- c) Valve materials for each chemical service are provided in Appendix B, Section 46_33_00 – Liquid Chemical Feed Equipment, Appendix A (see page 1840 of 1980 of the Specifications).
 - d) Line sizes are called out on the P&IDs or Drawings.
 - e) All required valves are shown on the Drawings.
- 3. The Pre-Bid Conference Minutes are attached for additional information.
 - 4. The Pre-Bid Conference Sign-In Sheet is attached for general information.
 - 5. This Addendum becomes part of the Contract Documents. All other conditions and requirements of the Contract Documents will remain unchanged. Receipt of this Addendum must be acknowledged in the space provided on the Bid Proposal Form in the Project Manual.

END OF ADDENDUM NO. TWO

DocuSigned by:	
	7/2/2026
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Patrick Hinterberger	Date
Contracts Supervisor	

**Project Name: Thornton Water Treatment Plant SCADA Automation
Improvements, Project No. 24-413**

Pre Bid Meeting Minutes

Date: June 23, 2026
Time: 2:00 PM
Location: Thornton Water Treatment Plant, 920 E. Thornton Parkway

1. Introductions and Roles/Responsibilities

- Thornton Staff:
 - PM: Mark Mazzucco
 - CA: Adam Reiner
 - CC: _____
 - Other: Steve Foster, Water Plant Supervisor
Martin Kimmes, Water Treatment & Quality Manager
Matt Asher, Water Plant Supervisor
Hunter Kubiak, Scada Technician
Will Cirbo, Water Tech Operations Supervisor
- Prime AE: Jeremy Ruppert, Carollo Engineers

2. Vendors: Glacier Construction Co., Velocity Constructors

3. Bid Process (CA)

- Schedule
 - Questions deadline is July 4, 2:00 PM. Questions must be in emailed to adam.reiner@thorntonco.gov. Answers to all questions received before deadline will be answered in Addendum.
 - Physical Bids due 2:00 PM, July 14 at City Hall 2nd floor office of Contracts Manager (Support Services). Late bids will not be accepted. Bid opening will be public.
- Bid Proposal Form
 - Do not write conditions on the Bid form, do not write on the form except where input indicated. Also, do not leave blank spaces where input is requested. If “not applicable,” “none” or “\$0”, so state.
 - Fill in subcontractors intended to be used on the Project whose subcontract will exceed \$10,000. Thornton’s intent is to not change these subcontractors after the Bid process to prevent bid shopping, except however, Thornton reserves right to reject subcontractors after the Bid.
 - Acknowledge all Addenda in space provided.
 - Sign and date Bid.
- Bid Assembly
 - Submit Bid Proposal form only.

- Submit in a sealed envelope addressed to Contracts Manager and state Contractor's name, Project Name, and Project No. on outside of the envelope.
- Include bid bond (your form or American Institute of Architects (AIA) form OK), cashier's check, or certified check in amount of five percent (5%) of the base Bid.

4. Schedule

- Notice of Award expected shortly after bid.
- NTP shall be issued after contract is executed and kickoff meeting held.
- NTP may be deferred in order to align work with November shutdown.
- Substantial completion shall be 183 days from NTP.

5. Project Design Overview (PM & AE)

- Scope of Work
- Site Conditions
- Plans, Elevations, Details
- Technical Specifications
- Special Considerations, such as work hours, traffic restrictions, safety, etc.
- Permits – N/A
- Use of Site – access, security, erosion control, trash removal, clean up, deliveries, securing tools and materials.
- Parking
- Insurance
 - GC limits \$2M/\$M General Liability and \$1M Auto Liability.
- Tests and Inspections
- Utility Coordination: Locates, clearance, temperature power, temperature water, service outages, etc.
- Coordination with other Contractors and entities: Xcel, Qwest, etc.
- Submittals – 2 week turnaround

6. Questions and Answers

7. Site/Facility Tour

file: Thornton Water Treatment Plant SCADA Automation Improvements, Project
No.: 24-413

PRE-BID MEETING

DATE: June 23, 2026 **TITLE:** Thornton Water Treatment Plant SCADA Automation Upgrades

BID/PROJECT NO: 24-413 **TIME:** 2:00 **CONFERENCE ROOM:** Thornton Water Treatment Plant, 920 E. Thornton Parkway

NO.	CONTRACTOR / FIRM	E-MAIL	PHONE
1	Travis Leopold Sturgeon Elect.	tleopoldt@myrgroup.com	3/519-4032
2	Martin Kimmes, COT	martin.kimmes@thorntonco.gov	303-255-7764
3	Randy Wambers / Glacier Const. Co., Inc.	rw@gcc.com	303-435-1834
4	Jeremy Ruppert / Carollo Engineers	jruppert@carollo.com	205-789-9565
5	Noelle Albert / Velocity Constructors	nalbert@velocityci.com	303-974-3884
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Certificate Of Completion

Envelope Id: C97E7FED-3909-8F81-8298-B1281C99D6B6
 Subject: Addendum No2: TWTP SCADA Automation Upgrades, Project No. 24-413
 Source Envelope:
 Document Pages: 7
 Certificate Pages: 5
 AutoNav: Enabled
 Envelopeld Stamping: Enabled
 Time Zone: (UTC-07:00) Mountain Time (US & Canada)

Status: Completed

 Envelope Originator:
 Adam Reiner
 9500 Civic Center Drive
 Thornton, CO 80229
 Adam.Reiner@thorntonco.gov
 IP Address: 199.117.212.4

Record Tracking

Status: Original
 7/2/2026 9:18:54 AM
 Holder: Adam Reiner
 Adam.Reiner@thorntonco.gov

Location: DocuSign

Signer Events

Patrick Hinterberger
 patrick.hinterberger@thorntonco.gov
 Sr. Contract Administrator
 SHI OBO City of Thornton
 Security Level: Email, Account Authentication
 (None)

Signature

DocuSigned by:

 6DA8F281E4154C8...

 Signature Adoption: Pre-selected Style
 Using IP Address: 199.117.212.4

Timestamp

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 Signed: 7/2/2026 10:19:14 AM

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In Person Signer Events

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Status

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Agent Delivery Events

Status

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Status

Timestamp

Certified Delivery Events

Status

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Carbon Copy Events

Status

Timestamp

Contracts Administration
 SSContractsandPurchasing@thorntonco.gov
 Security Level: Email, Account Authentication
 (None)

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Electronic Record and Signature Disclosure:
 Accepted: 7/1/2026 3:47:08 PM
 ID: 4360f158-5315-4e84-b921-756c0c838b37

Witness Events

Signature

Timestamp

Notary Events

Signature

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Envelope Summary Events

Status

Timestamps

Envelope Sent	Hashed/Encrypted	7/2/2026 9:19:42 AM
Envelope Updated	Security Checked	7/2/2026 10:02:29 AM
Envelope Updated	Security Checked	7/2/2026 10:02:29 AM
Certified Delivered	Security Checked	7/2/2026 9:32:57 AM
Signing Complete	Security Checked	7/2/2026 10:19:14 AM
Completed	Security Checked	7/2/2026 10:19:15 AM

Payment Events	Status	Timestamps
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You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: clerk@ThorntonCO.gov

To advise SHI OBO City of Thornton of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at clerk@ThorntonCO.gov and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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- ii. send us an email to clerk@ThorntonCO.gov and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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